

SPECIFICATION

Electronic Version 1.2.8

Stylesheet Version 1.0

[Harrison Free Standing Towers And Missile Defense System]

Detailed Description: Free Standing Towers that support and contain anti-missile defense surveillance radar, communications systems and defensive weapons systems to protect and defend the USA and it's Allies against enemy cruise missiles, ICBMs and manned or unmanned aircraft. Also this invention provides border defense for the USA and it's Allies. Defensive weapons would include, but not be limited to, anti-missile missiles, USA defensive aircraft, directed energy weapons such as, but would not be limited to, HEL (High Energy Laser) weapons and HECW (High Energy Carrier Wave) weapons. The entire system described above would provide the lowest cost option for positioning defensive systems where look-down surveillance, look over-the-natural-horizon surveillance, look-up surveillance and high electric power requirements are a major consideration. The design technique would include: 1. the use of large gyroscopes to provide tower stability. Our research of the literature and the Internet (See our list of references, as listed in Attachments : Attachment A) indicates no claims for the use of gyroscopes to stabilize unsupported (No cables of support) radar towers, communication towers or guyed cable supported towers. Thus, this application is NOT INCLUDED IN THE PUBLIC DOMAIN. 2. According to our professional experience and calculations, these gyroscopes will be firmly and rigidly attached and secured to the towers every 100 feet of tower height, the gyroscopes' axis of rotation will be the same as the tower vertical center line, the gyroscopes will weigh some 10,000 lbs, (with most of the gyroscope

rotating member weight concentrated at the rotating member perimeter) and the gyroscope rotating member will rotate at 15,000 RPM. 3. The tower verticle support members shall be round in cross section, will be made of a clear material (such as Lucite) and will contain photo-electric panels to generate electric power. 4. The towers shall have wind power electric power generators attached as often as is practicle. We plan to attach to attach such wind power electric power generators every 50 feet of tower height. 5. Radar antennas shall be attached to the tower at or near the tower top and attached every 1000 feet or so of the tower height. 6. The antenna and equipment shall be protected from weather by clear air supported air supported cable reinforced structures similar to those shown in pictures on www.HAIholdings.com (located on Architectural & Engineering Page of the WEBSITE). 7. An elevator shall be attached to each tower to enable access to the radar antennas, radar equipment and other servicing as needed or required for calibration or adjustment.

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